

DEPARTMENT OF HEALTH SERVICES

714/744 P STREET
SACRAMENTO, CA 95814



PRELIMINARY ASSESSMENT SUMMARY

Abex Corporation Amsco Division,
Oakland Plant
850 Ferry Street
Oakland, CA 94607
EPA No. CAD980358733

History and Problem

Abex Corporation operated a manganese and steel foundry at the Port of Oakland from 1921 to 1977. Wastes produced consisted of foundry sand and slag. Wastes were piled or landfilled on-site. Mr. Charles Borcharding of Abex Corporation indicated that the company does not suspect the wastes contained any hazardous components. No analyses were conducted on wastes from this site because it closed before the implementation of RCRA. However, basing his assumptions on analysis of wastes from similar existing Abex facilities, Mr. Borcharding felt that the wastes were not hazardous by current standards. Abex Corporation closed the Oakland facility in 1977 and returned the property to the Oakland Port Authority in 1978. Before closing the facility, Abex disposed of stockpiled and landfilled wastes off-site. In 1978, the Port Authority demolished the facility. The site was paved and is currently operated by the Port as a sea-land container storage area.

Recommendation

Based on the lack of information on the waste types produced by Abex Corporation, it is recommended that the site be given low priority status. Although there is no evidence to indicate that the site poses any health or environmental threat, sampling is necessary to achieve certainty about the composition of the buried wastes.

PRELIMINARY ASSESSMENT
Region 9

Preparer's Name Carol Sim

Date January 4, 1983

	SOURCE	INFORMATION
1. Site ID Number	ERRIS Turnaround Document	CAD980358733
2. Site Name	"	Abex Corporation Amsco Division, Oakland Plant
3. Site Location	"	850 Ferry Street Oakland, CA 94607
4. County	"	Alameda
5. Owner (Address & telephone no.)	Form 8900-1 (CERCLA Notice)	Port of Oakland 66 Jack London Square Oakland, CA 94604 (415) 444-3188
6. Operator (Address & telephone no.)	Phone conversation with Port staff	Port of Oakland 66 Jack London Square Oakland, CA 94604 (415) 444-3188
7. Type of Ownership	Form 2070-2	Municipal
8. Status	EPA Forms 2070-2/8900-1	Inactive
9. Source Activity	EPA Form 8900-1	Iron/Steel Foundry
10. Years of Operation	EPA Form 8900-1	1921-1977
11. Facility Type	EPA Form 8900-1	Piles, landfill
12. Waste Type and Description	" Telephone conversation 2/14/84 Charles Borchertding	Heavy metals "foundry sand" and "slag"

<p>13. Contacts Neil Werner, Port of Oakland, (415) 444-3188 Ralph Gin, Port of Oakland, (415) 444-3188 Thomas Eychner, Thomas Eychner Co., (415) 655-8000 Charles Borcharding, Abex Corporation, (312) 789-7700</p>
<p>14. Incidents</p> <p>None documented.</p> <p>Fire and Explosion ____ Direct Contact ____</p>
<p>15. Inspections (date, type, by whom, recommendations)</p> <p>October 8, 1981 -- Department of Health Services, Abandoned Site Project staff No action needed. (Site was paved at the time of inspection.)</p>
<p>16. Enforcement History (list date, type of action, requirements, outcome)</p> <p>None documented.</p>
<p>17.a. Initial recommendation for further action:</p> <p>It is recommended that the site be given low priority. Although no immediate problem is evident, no characterization of wastes disposed of on-site ever occurred. Sampling may determine presence of hazardous components.</p> <p>17.b. EPA recommendation for further action: <i>EPA concurs with the initial recommendation that this site be given a low priority for further action because of the company's claim that similar wastes are non-hazardous and the existence of asphalt paving over any waste that may be remaining on site. Brian Ullman 7 5-3-84</i></p> <p>18. Response Termination: ____ No Further Action ____ Pending ____ Active</p> <p>Justification:</p>

	SOURCE	INFORMATION
19. Observed Release		
20. Depth to Aquifer		
21. Net Precipitation Net seas. rainfall Evaporation		
22. Permeability of Unsaturated Zone		
23. Physical State		
24. Containment (Ground Water)		
25. Toxicity		
26. Persistence		
27. Waste Quantity		
28. Ground Water Use		
29. Distance to Well		
30. Population Served (by Ground Water)		

	SOURCE	INFORMATION
31. Facility Slope		
32. 1 yr. 24 hr. rainfall		
33. Distance to Surface Water		
34. Containment (Surface Water)		
35. Surface Water Use		
36. Distance to Sensi- tive Environment		
37. Population Served (by Surface Water)		
38. Distance to Water Intake		
39. Reactivity		
40. Incompatibility		
41. Toxicity (Air)		
42. Population within 4 mile radius		
43. Land Use		



POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION SITE NUMBER (to be assigned by HQ)

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME <u>Abex Corp.</u>		B. STREET (or other identifier) <u>850 Ferry St.</u>	
C. CITY <u>Oakland</u>	D. STATE <u>CA</u>	E. ZIP CODE <u>94607</u>	F. COUNTY NAME <u>Alameda</u>
G. OWNER/OPERATOR (if known) 1. NAME <u>Port of Oakland</u>			
2. TELEPHONE NUMBER <u>(415) 444-3188</u>			
H. TYPE OF OWNERSHIP <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input checked="" type="checkbox"/> 4. MUNICIPAL <input type="checkbox"/> 5. PRIVATE <input type="checkbox"/> 6. UNKNOWN			

I. SITE DESCRIPTION

Inactive iron/skel foundry with piled and landfilled waste

J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.)

Exe EPA Superfund

K. DATE IDENTIFIED (mo., day, & yr.)

9/24/81

L. PRINCIPAL STATE CONTACT

1. NAME

David Belk

2. TELEPHONE NUMBER

(415) 540-3006

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM

☐ 1. HIGH ☐ 2. MEDIUM ☒ 3. LOW ☐ 4. NONE ☐ 5. UNKNOWN

B. RECOMMENDATION

☒ 1. NO ACTION NEEDED (no hazard)

☐ 2. IMMEDIATE SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR:

☐ 3. SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR:

b. WILL BE PERFORMED BY:

b. WILL BE PERFORMED BY:

☐ 4. SITE INSPECTION NEEDED (low priority)

C. PREPARER INFORMATION

1. NAME

Nancy George

2. TELEPHONE NUMBER

(415) 540-3006

3. DATE (mo., day, & yr.)

10/29/81

III. SITE INFORMATION

A. SITE STATUS

☐ 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)

☒ 2. INACTIVE (Those sites which no longer receive wastes.)

☐ 3. OTHER (specify):
(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

☒ 1. NO

☐ 2. YES (specify generator's four-digit SIC Code):

C. AREA OF SITE (in acres)

0.14

D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES

1. LATITUDE (deg.--min.--sec.)

2. LONGITUDE (deg.--min.--sec.)

E. ARE THERE BUILDINGS ON THE SITE?

☒ 1. NO

☐ 2. YES (specify):

IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and its relating to each activity by marking 'X' in the appropriate boxes.

A. TRANSPORTER	B. STORER	C. TREATER	D. DISPOSER
1. RAIL	1. PILE	1. FILTRATION	<input checked="" type="checkbox"/> 1. LANDFILL
2. SHIP	2. SURFACE IMPOUNDMENT	2. INCINERATION	2. LANDFARM
3. BARGE	3. DRUMS	3. VOLUME REDUCTION	<input checked="" type="checkbox"/> 3. OPEN DUMP
4. TRUCK	4. TANK, ABOVE GROUND	4. RECYCLING/RECOVERY	4. SURFACE IMPOUNDMENT
5. PIPELINE	5. TANK, BELOW GROUND	5. CHEM./PHYS. TREATMENT	5. MIDDNIGHT DUMPING
6. OTHER (specify):	6. OTHER (specify):	6. BIOLOGICAL TREATMENT	6. INCINERATION
		7. WASTE OIL REPROCESSING	7. UNDERGROUND INJECTION
		8. SOLVENT RECOVERY	8. OTHER (specify):
		9. OTHER (specify):	

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

V. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. UNKNOWN ☐ 2. LIQUID ☒ 3. SOLID ☐ 4. SLUDGE ☐ 5. GAS

B. WASTE CHARACTERISTICS

☐ 1. UNKNOWN ☐ 2. CORROSIVE ☐ 3. IGNITABLE ☐ 4. RADIOACTIVE ☐ 5. HIGHLY VOLATILE
☒ 6. TOXIC ☐ 7. REACTIVE ☐ 8. INERT ☐ 9. FLAMMABLE

☐ 10. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
<input checked="" type="checkbox"/> (1) PAINT, PIGMENTS	<input checked="" type="checkbox"/> (1) OILY WASTES	<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/> (1) ACIDS	<input checked="" type="checkbox"/> (1) FLYASH	<input checked="" type="checkbox"/> (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGNTD. SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	<input checked="" type="checkbox"/> (4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify):		

V. SITE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify):				

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

- ☐ 1. NPDES PERMIT ☐ 2. SPCC PLAN ☐ 3. STATE PERMIT (specify): _____
☐ 4. AIR PERMITS ☐ 5. LOCAL PERMIT ☐ 6. RCRA TRANSPORTER
☐ 7. RCRA STORER ☐ 8. RCRA TREATER ☐ 9. RCRA DISPOSER
☐ 10. OTHER (specify): _____

B. IN COMPLIANCE?

- ☐ 1. YES ☐ 2. NO ☐ 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number): _____

VIII. PAST REGULATORY ACTIONS

- ☐ A. NONE ☐ B. YES (summarize below)

IX. INSPECTION ACTIVITY (past or on-going)

- ☐ A. NONE ☒ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
ASP Site Inspection	10/8/81	State	Site is now paved

X. REMEDIAL ACTIVITY (past or on-going)

- ☐ A. NONE ☐ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.